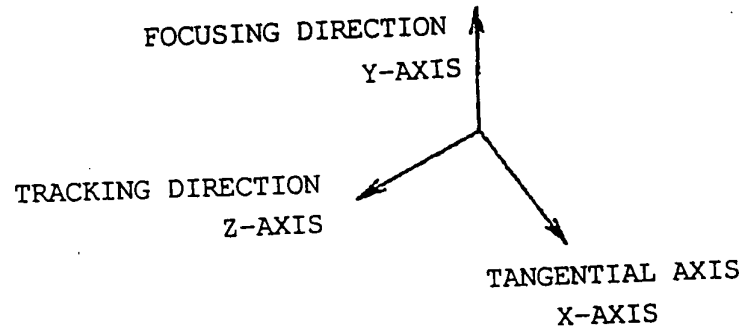


FIG. 1



100

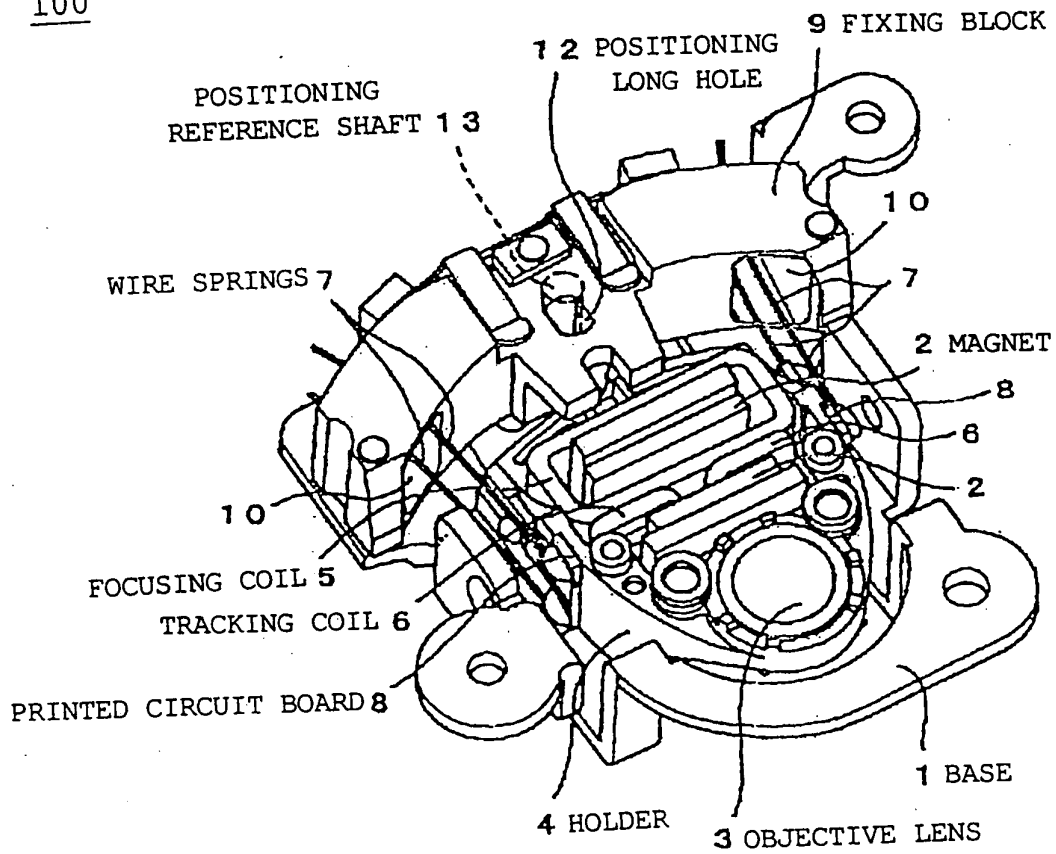


FIG. 2

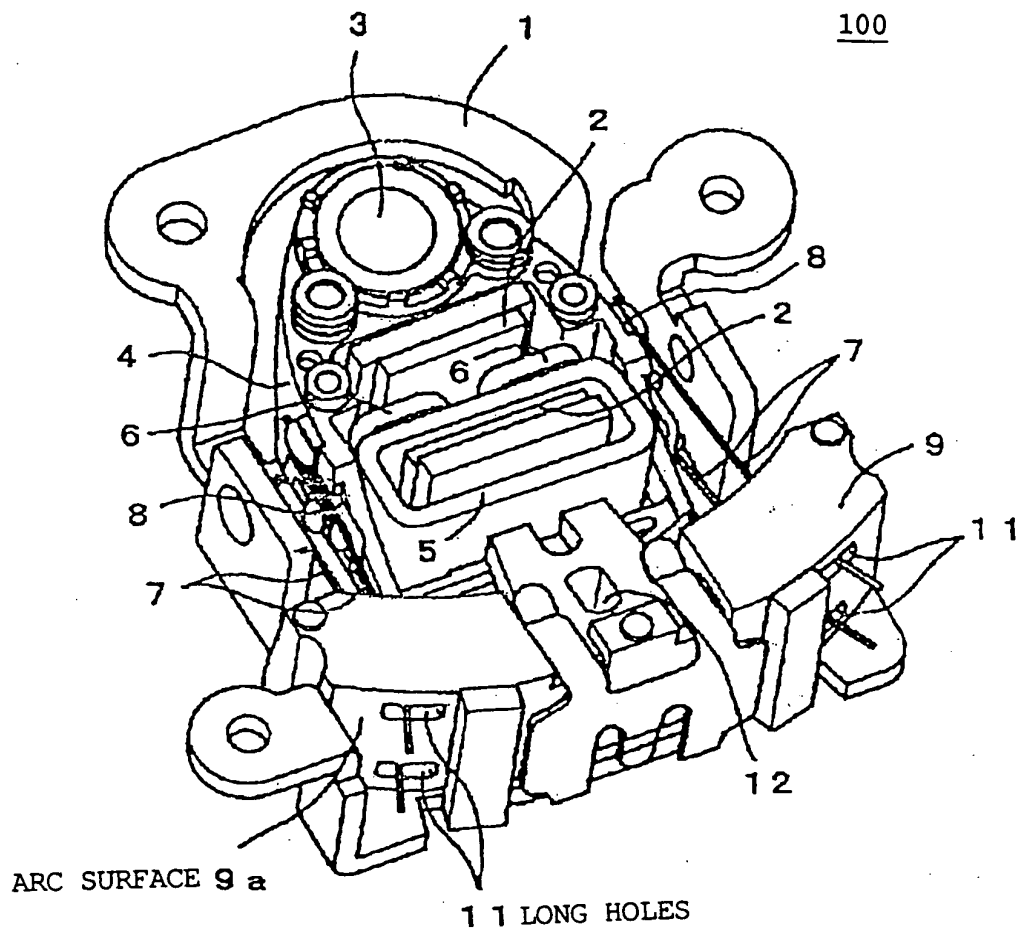


FIG. 3

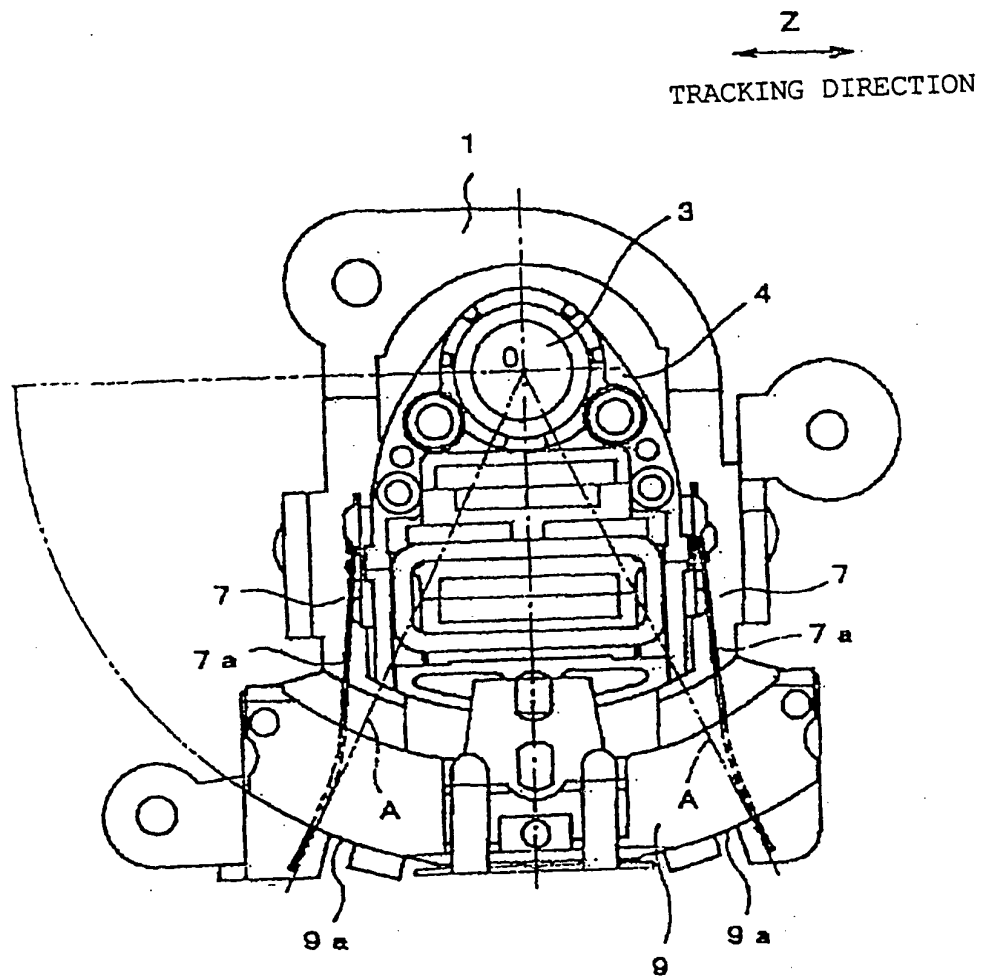


FIG. 4

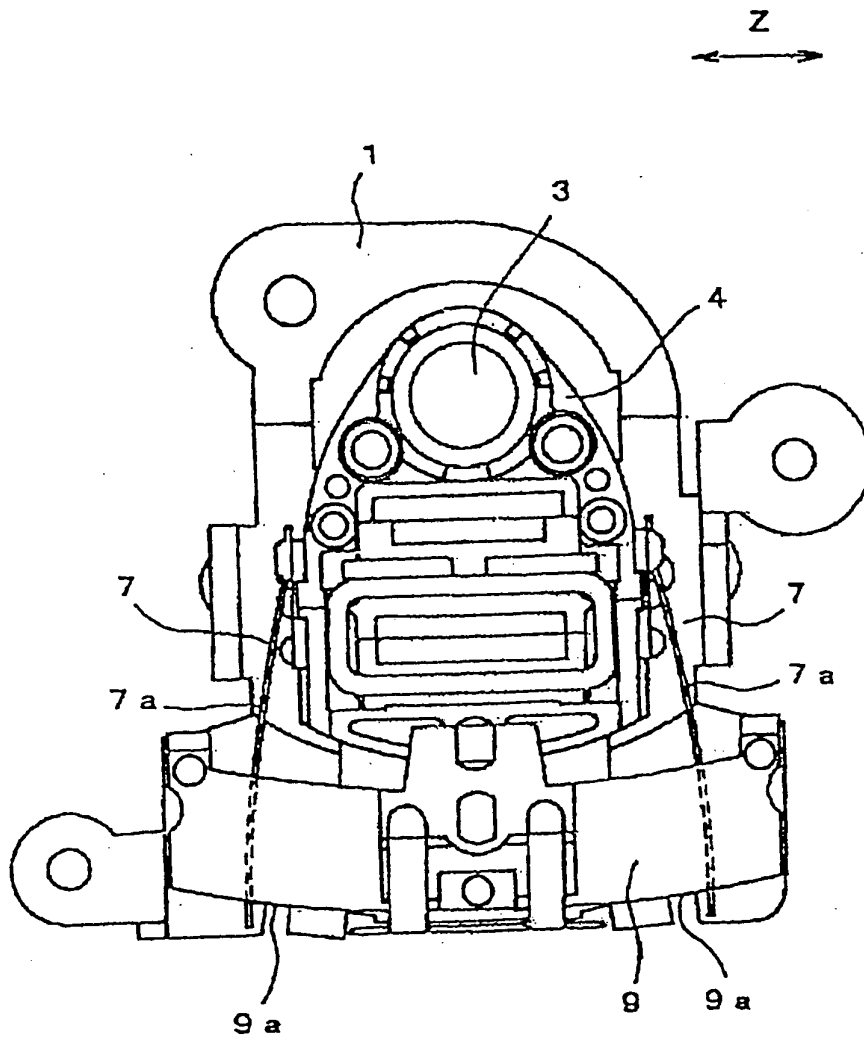


FIG. 5A

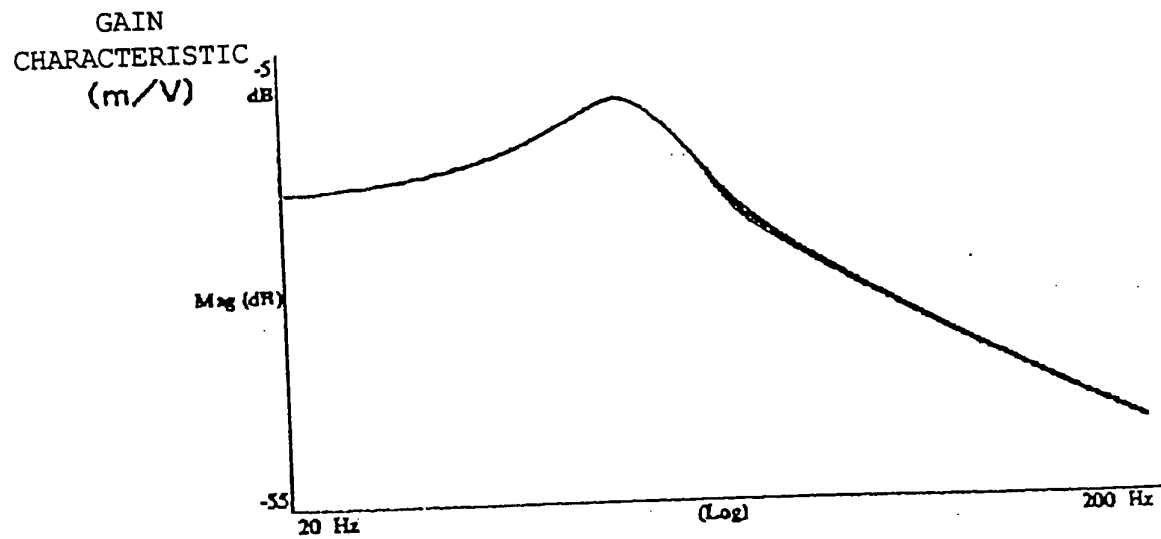


FIG. 5B

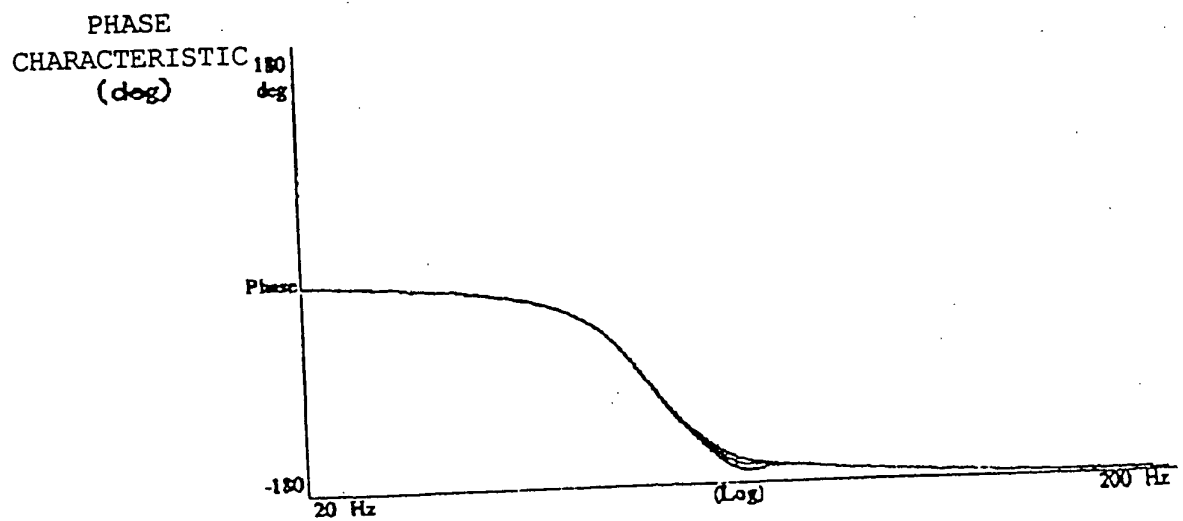


FIG. 6

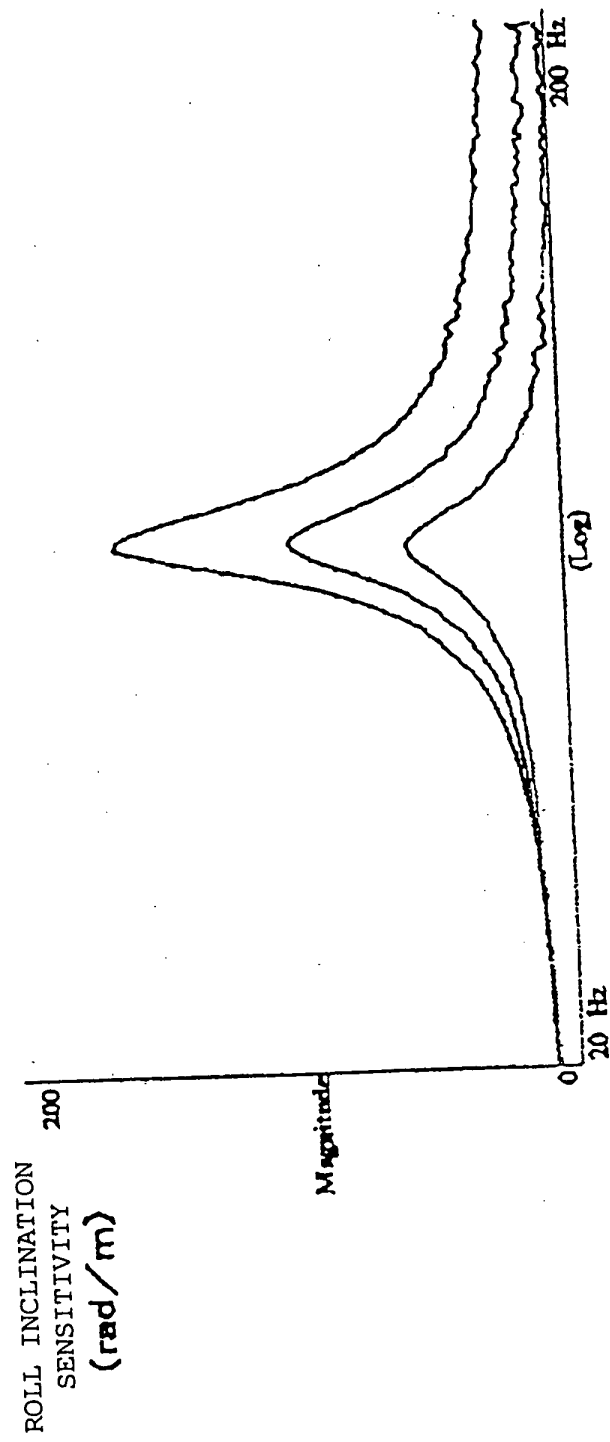


FIG. 7A

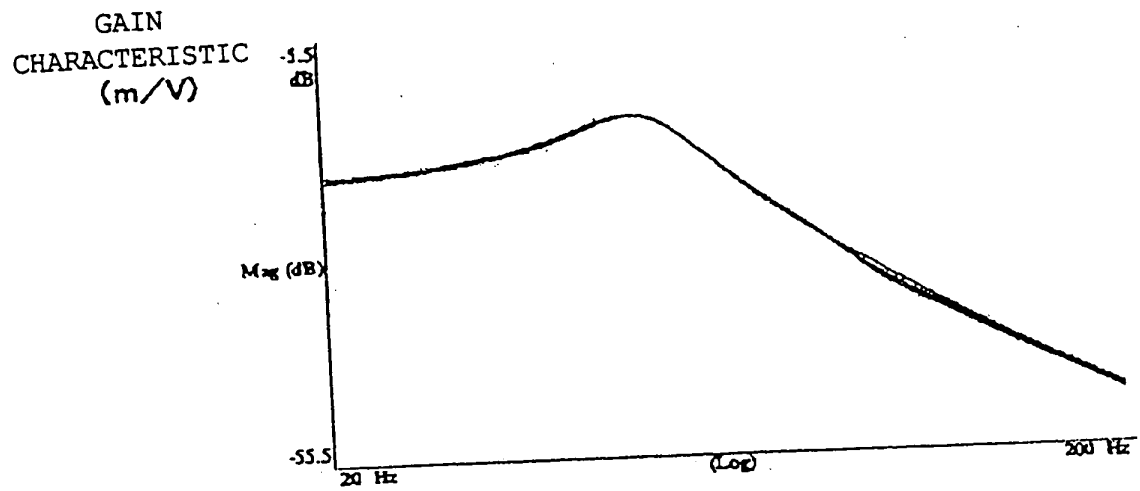


FIG. 7B

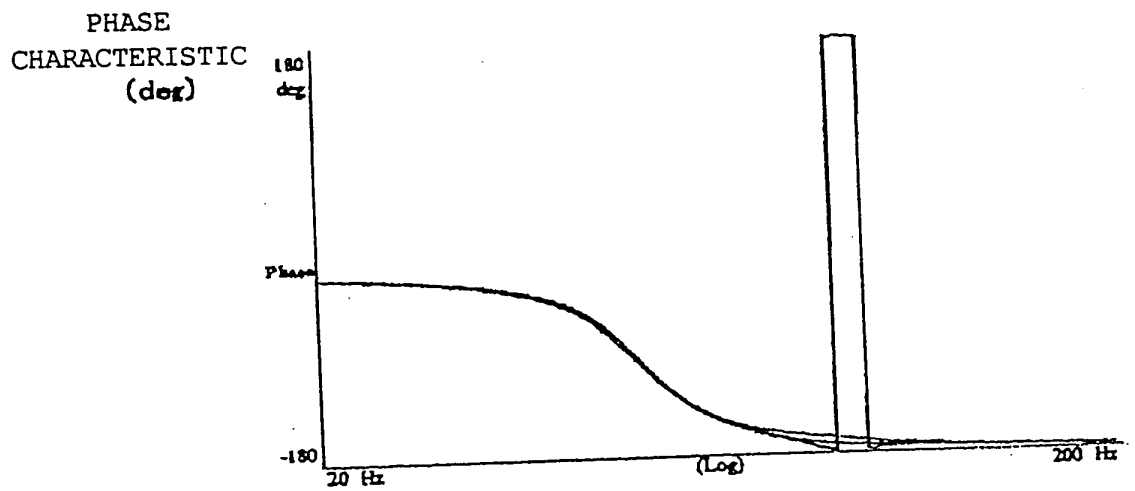


FIG. 8

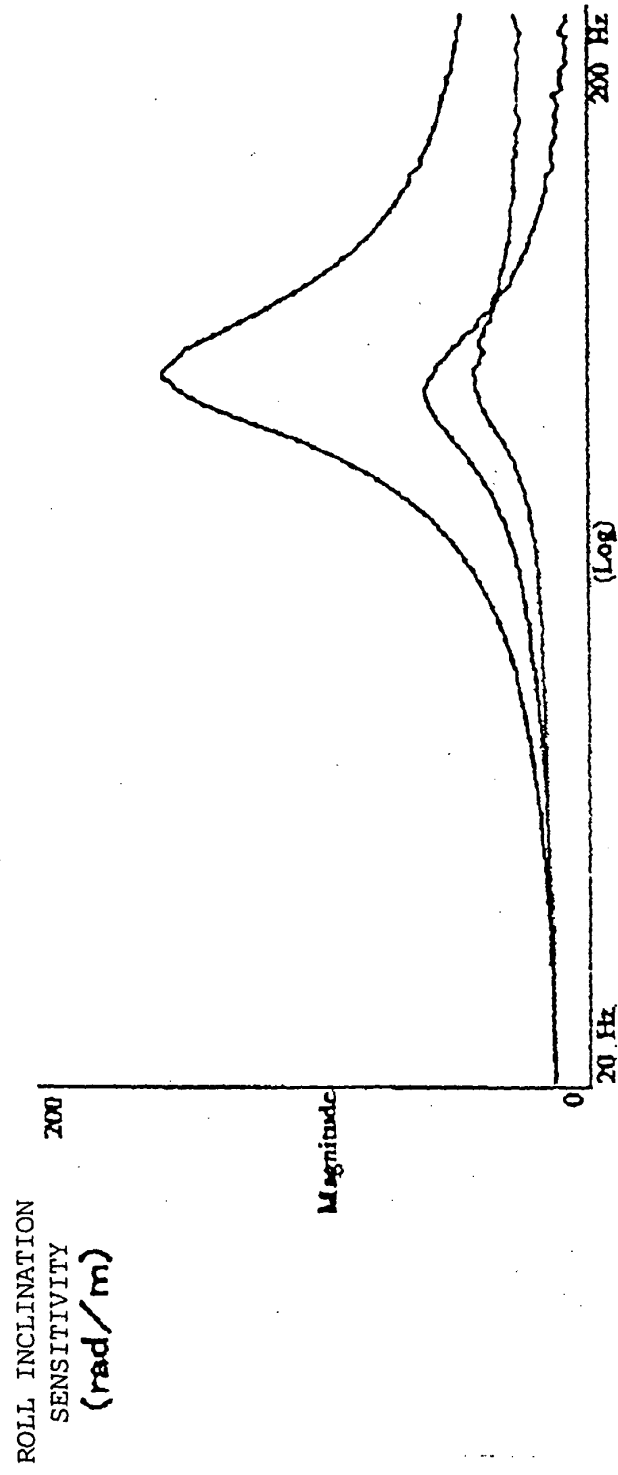


FIG. 9

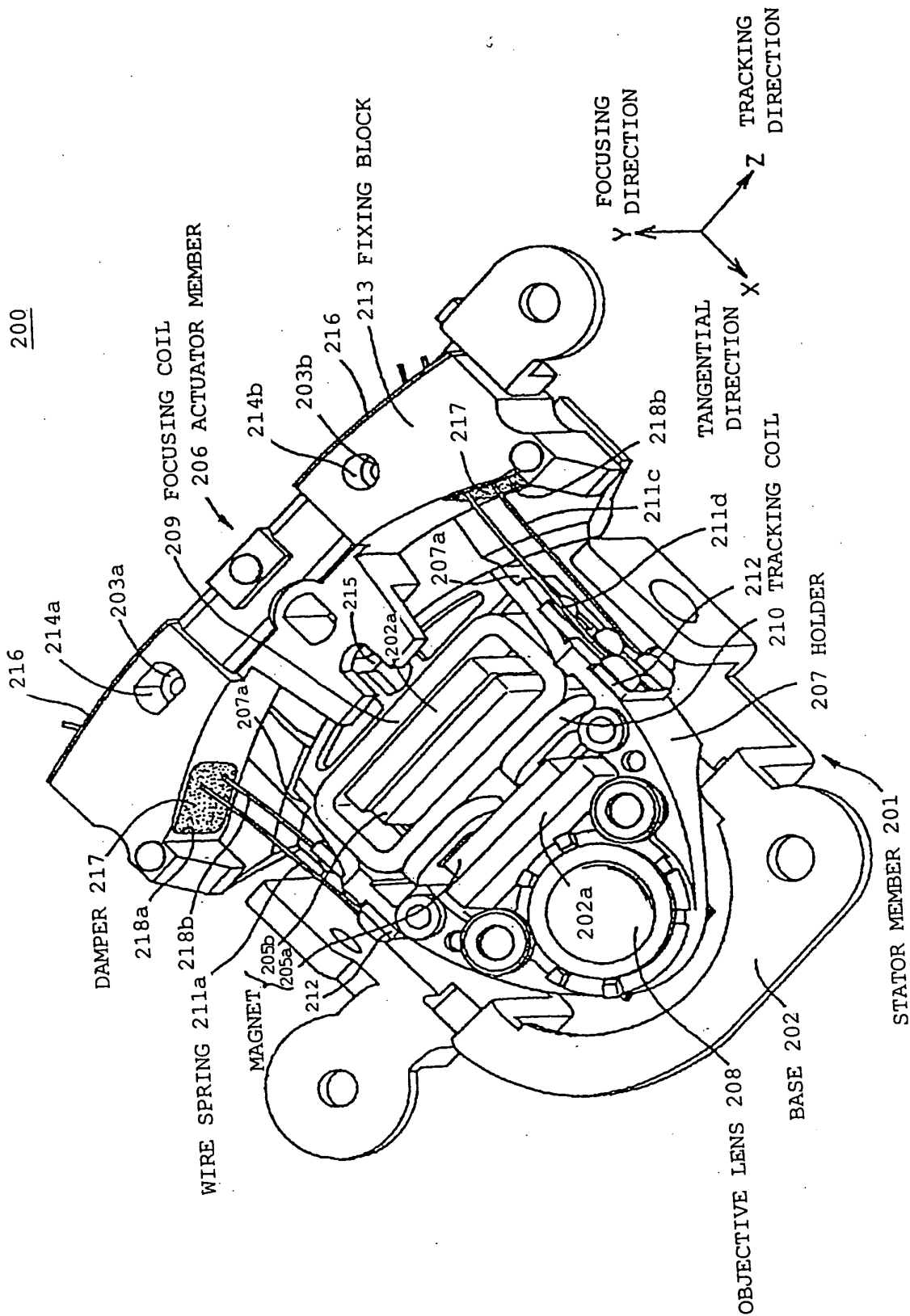


FIG. 10

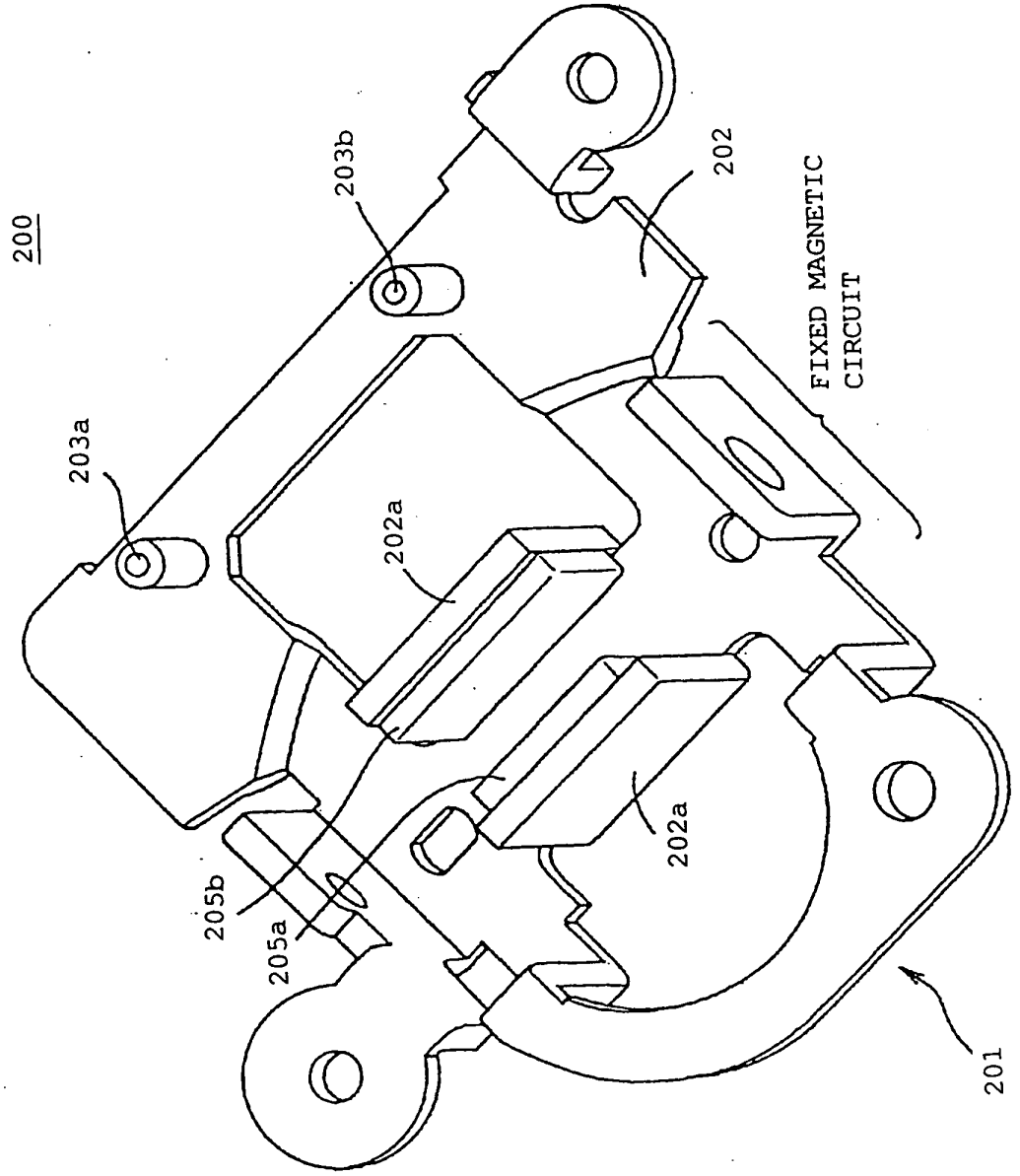


FIG. 11

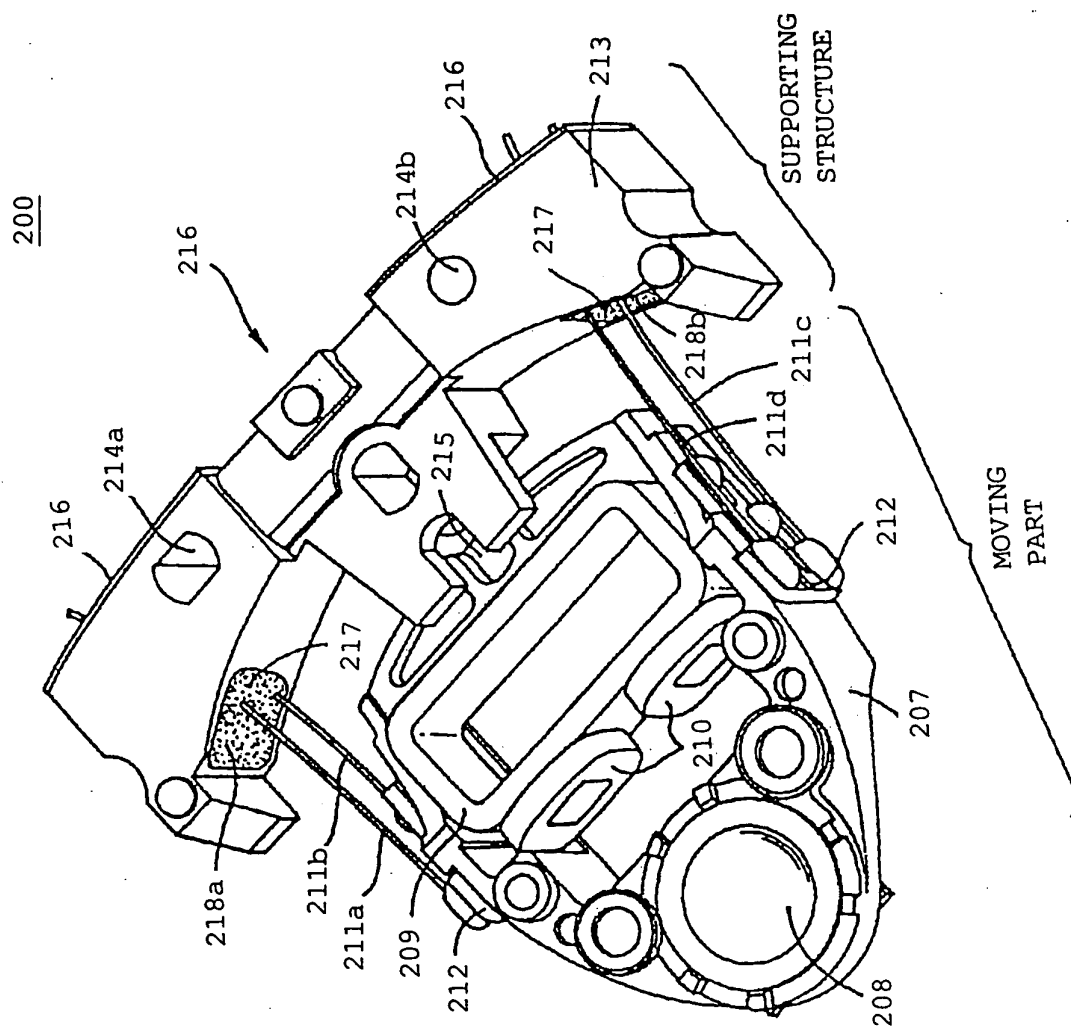


FIG.12

[OPTIMIZATION TO ACTIVE FREQUENCY
EXAMPLE OF FREQUENCY RESPONSE CHARACTERISTIC
WHERE $\zeta = 0.2 @ 60 \text{ (Hz)}$]

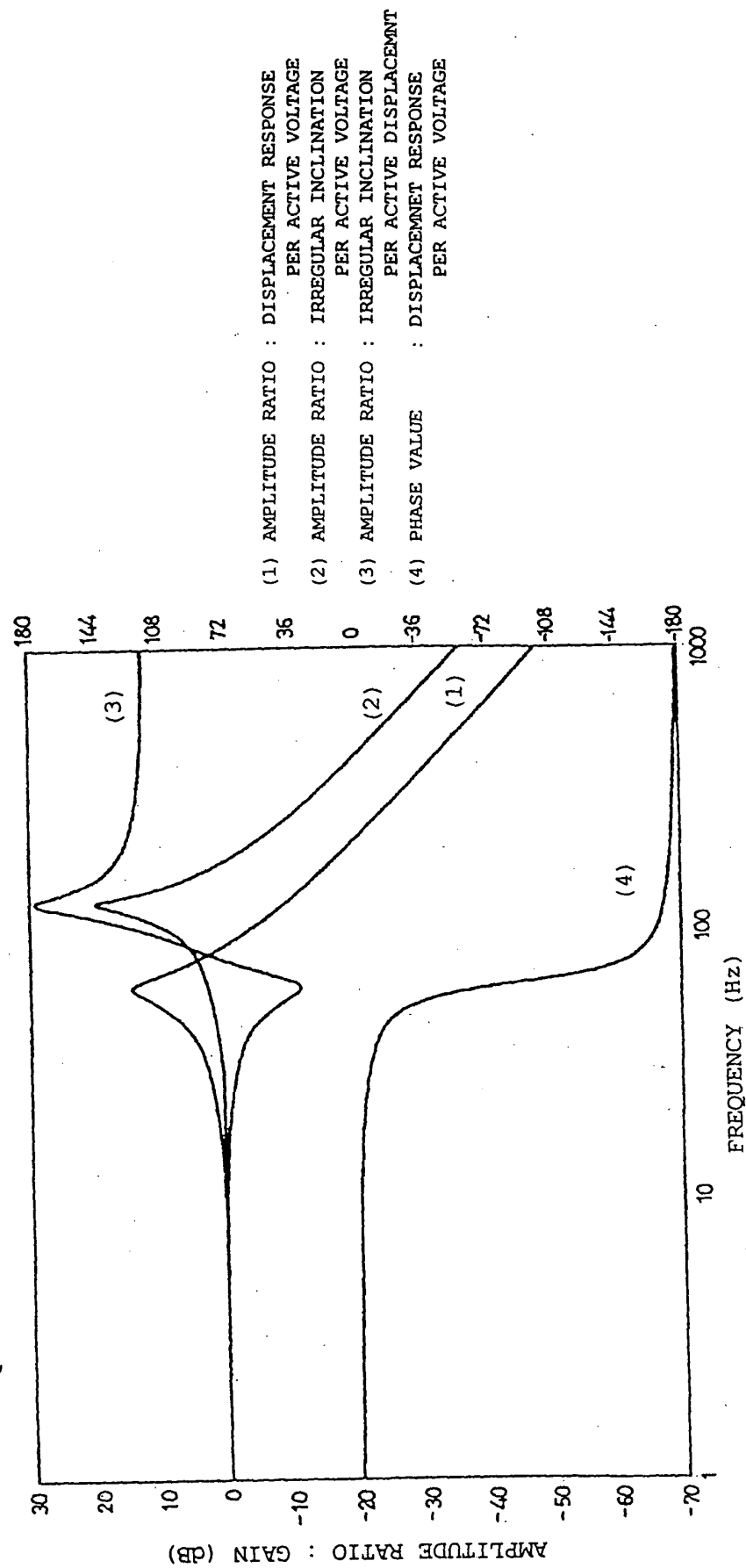


FIG.13

[OPTIMIZATION TO ACTIVE FREQUENCY
EXAMPLE OF FREQUENCY RESPONSE CHARACTERISTIC
WHERE $\zeta = 0.4 @ 60 \text{ (Hz)}$]

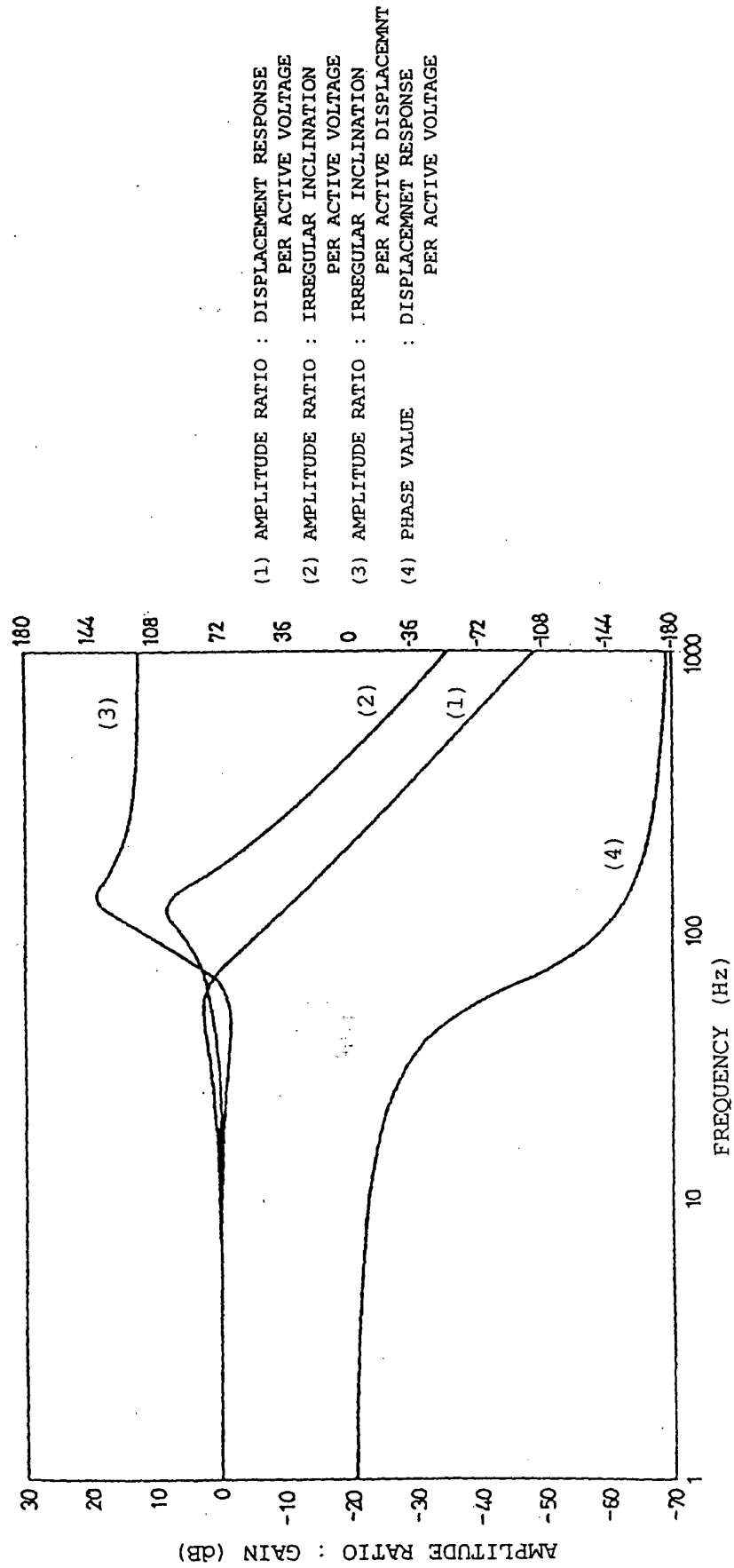


FIG. 14

[OPTIMIZATION TO ACTIVE FREQUENCY
EXAMPLE OF FREQUENCY RESPONSE CHARACTERISTIC
WHERE $\zeta = 0.2 @ 120 \text{ (Hz)}$]

